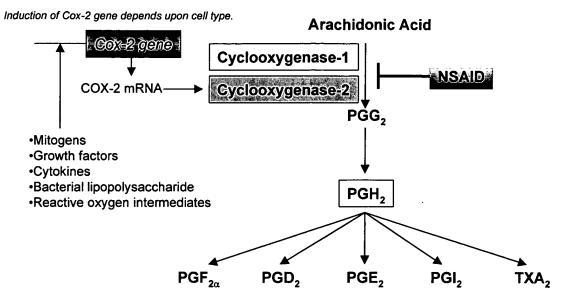
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Array of eicosanoids produced depends upon cell type. Cellular response is a function of intracellular and extracellular receptors.

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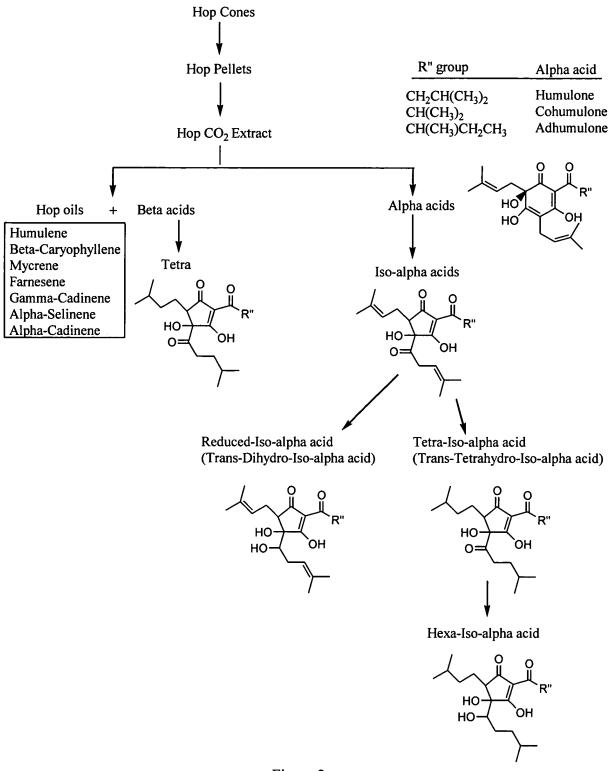


Figure 2

$$\begin{bmatrix} \mathbf{A} \end{bmatrix} \qquad \begin{matrix} \mathsf{H}_3\mathsf{C} \\ \mathsf{H}_3\mathsf{C} \end{matrix} \qquad \begin{matrix} \mathsf{H}_2 \\ \mathsf{H}_0 \end{matrix} \qquad \begin{matrix} \mathsf{OH} \\ \mathsf{OH} \end{matrix}$$

$$[B] \begin{array}{c} H_3C \\ H_3C$$

$$[C] \xrightarrow{H_3C} \xrightarrow{H_2} \xrightarrow{H_2} \xrightarrow{H} \xrightarrow{OH} \xrightarrow{OH} \xrightarrow{OH} \xrightarrow{OH}$$

$$[\mathbf{D}] \xrightarrow{\mathsf{H}_3\mathsf{C}} \overset{\mathsf{H}_2}{\mathsf{H}} \overset{\mathsf{H}}{\overset{\mathsf{OH}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}}{\overset{\mathsf{O}}}{\overset{\mathsf{O}}}$$

$$\begin{bmatrix} \mathbf{E} \end{bmatrix} \xrightarrow{\mathsf{H}_3\mathsf{C}} \overset{\mathsf{H}_2}{\mathsf{H}} \overset{\mathsf{OH}}{\mathsf{OH}} \overset{\mathsf{OH}}{\mathsf{OH}} \overset{\mathsf{OH}}{\mathsf{OH}}$$

Figure 3

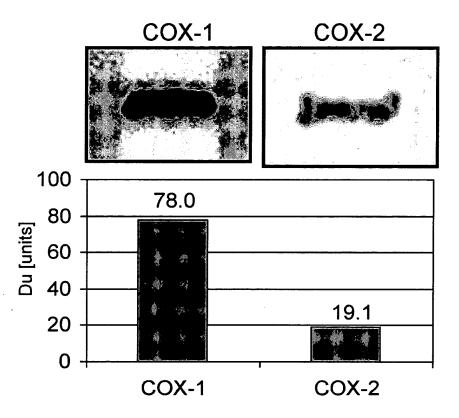


Figure 4

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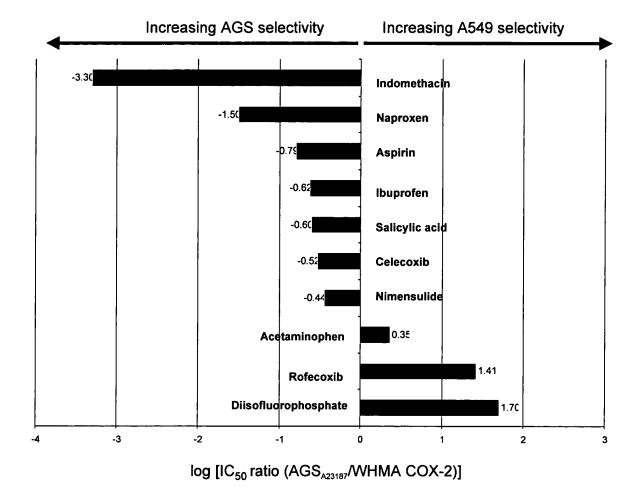
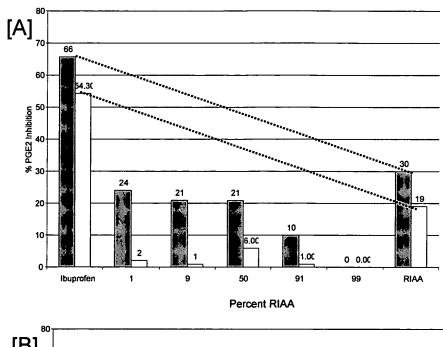


Figure 5



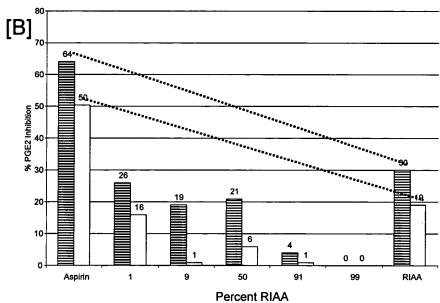


Figure 6

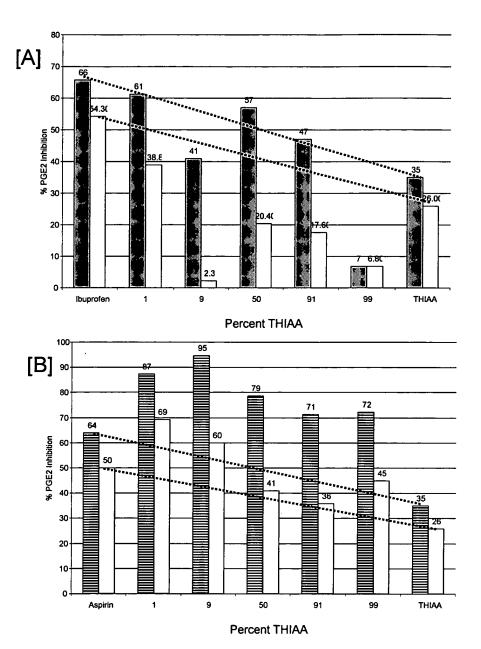
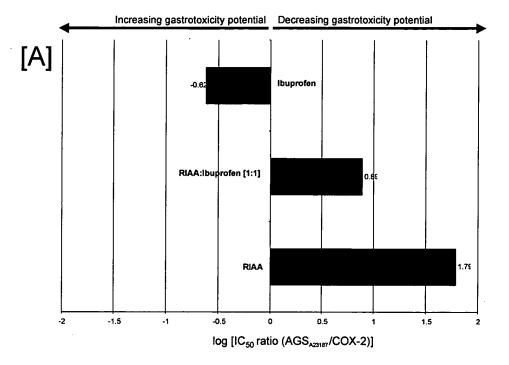


Figure 7

 $\label{title:anti-inflammatory pharmaceutical compositions for reducing...$

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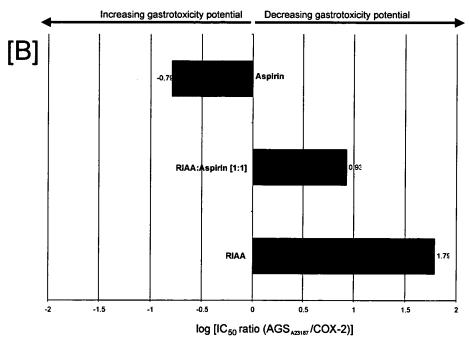
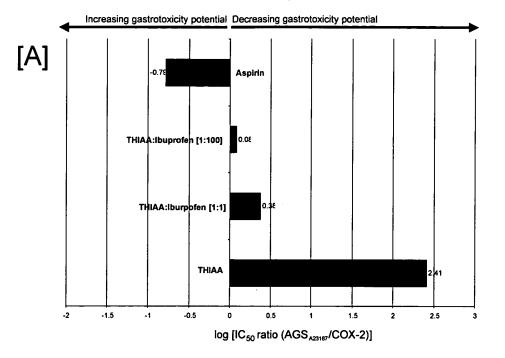


Figure 8

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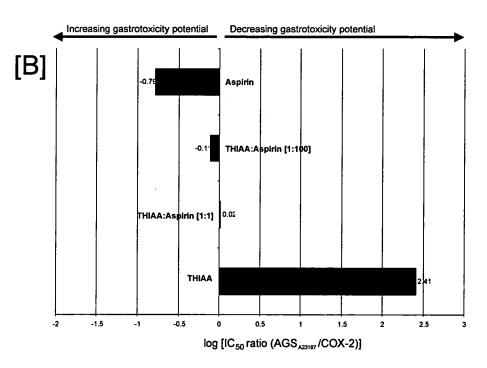


Figure 9

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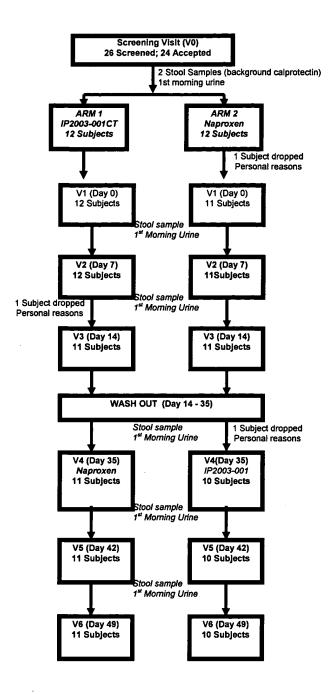


Figure 10

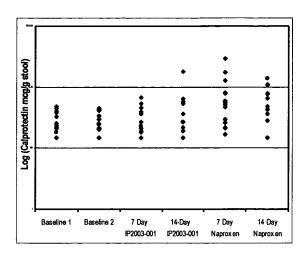


Figure 11

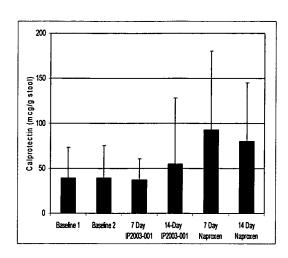


Figure 12

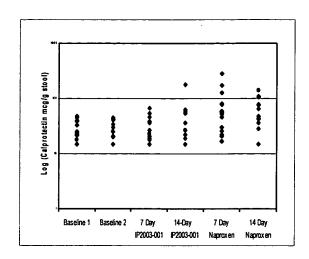


Figure 13

 $\label{thm:compositions} \begin{tabular}{ll} Title: ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING...\\ Inventor: Babish, et al. \end{tabular}$

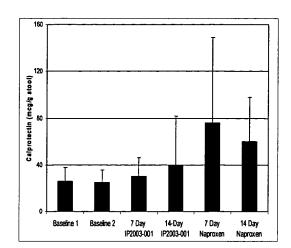


Figure 14

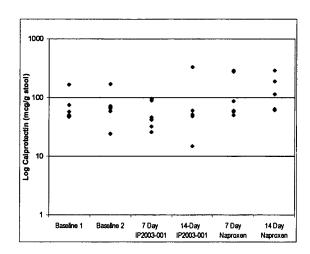


Figure 15

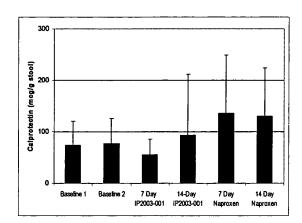


Figure 16

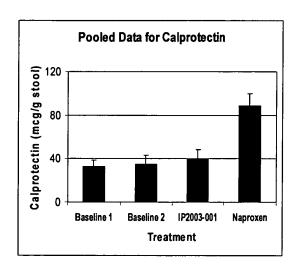


Figure 17

Title: ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING... Inventor: Babish, et al.

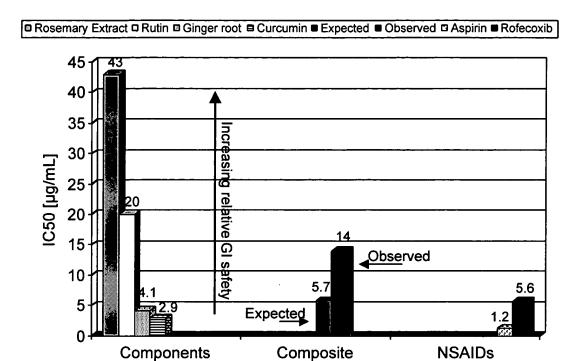


Figure 18

Title: ANTI-INFLAMMATORY PHARMACEUTICAL COMPOSITIONS FOR REDUCING... Inventor: Babish, et al.

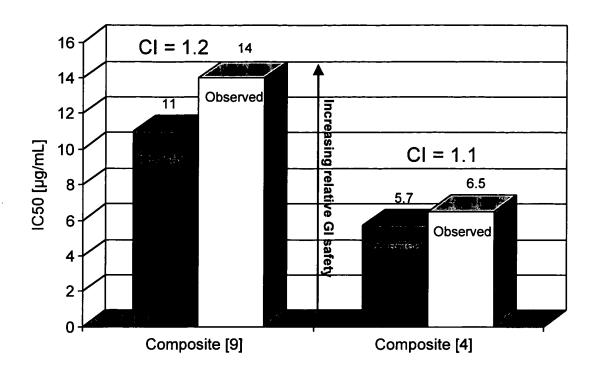
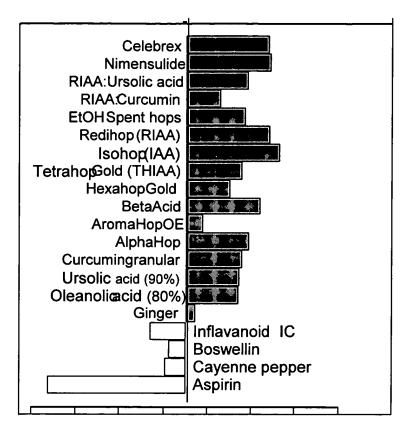


Figure 19

Inventor: Babish, et al.
Filing Date: Herewith
Attorney Client-Matter No.: 68911-062
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-3.5-2.5-1.5-0.50.5 1.5 2.5 3.5

Figure 20